

**2008 - 2011 SECURE RURAL SCHOOLS
PUBLIC LAW 110-343
TITLE II PROJECT SUBMISSION FORM
USDA FOREST SERVICE**

Name of Resource Advisory Committee: PWS
Project Number (Assigned by Designated Federal Official):
Funding Fiscal Year(s): 2013

2. Project Name: Cordova Ranger District Trail Safety Netting Project	3a. State: Alaska 3b. County(s): East PWS/Copper River Delta
4. Project Submitted By: David Zastrow/USFS CRD	5. Date: 08/09/2012
6. Contact Phone Number: 907-424-4754	7. Contact E-mail: dzastrow@fs.fed.us

8. Project Location:	
a. National Forest(s): Chugach National Forest	b. Forest Service District: Cordova Ranger District
c. Location (Township-Range-Section) Multiple trail sections on several trails throughout the Cordova Ranger District trail system, Chugach National Forest	

<p>9. Project Goals and Objectives:</p> <p>Complete trail safety netting tasks on multiple trails throughout the Cordova Ranger District trail system. Remove or reduce public safety hazards and improve recreation opportunities by attaching nonskid material (recycled seine netting) to 4.1 miles of trail structures. Reduce the potential of resource damage caused by trail braiding through providing a desirable walking surface. Creation of temporary jobs and build technical skills of temporary workforce composed of local workers and youth organizations through agreements with Student Conservation Association (SCA). Reduce trespass potential onto Native Lands by providing a clearly marked and easily negotiated trail. Title II funding leverages declining appropriations to meet deferred trail maintenance targets that otherwise could not be met.</p> <p>Definition of deferred trail maintenance: Trail maintenance beyond annually scheduled basic maintenance. Deferred maintenance includes trail tread and structure repair, replace and decommission.</p>

10. Project Description:

a. Brief: Install nonskid material (recycled fish netting) to the walking surface of a variety of trail structures to improve traction and reduce safety hazards.

b. Detailed: This project will significantly reduce public safety hazards and improve recreation opportunities by placing nonskid material (recycled fish netting) to the walking surface of a variety of trail structures including step and run, no-deck puncheons, split log bridges and milled lumber decked bridges. Title II funding would leverage appropriated funds to perform this deferred maintenance task on 4.1 miles of structures on the Cordova Ranger District trail system. Cordova Ranger District is the northern end of Alaska's South East temperate rainforest receiving 160" to 180" of rain each year. This amount of rain creates the perfect conditions for moss and mold to form on the surface of trail structures creating severe slipping hazards. Also, snow and ice on the trails during early Spring and late Fall creates a severe slipping hazard. The US Forest Service has developed a solution through attaching used and discarded seine fishing net to the walking surface of trail structures. The seine net is stretched over the walking surface of a trail structure and attached using staples applied with an industrial pneumatic staple gun. There is a large accumulation of used and discarded net from the commercial seine fishing fleet based out of Cordova. This is a great way to recycle a discarded and unwanted material that would otherwise financially burden local resources through barging it out of Cordova or environmentally impact Cordova by depositing it into a landfill. This material is also very durable. There are sections of step and run boardwalk where FS employees applied seine net in the late 1980's that are still in very good condition today. The prescribed maintenance tasks will give the public safe access and alleviate resource impacts by providing a desirable surface to walk on eliminating the possibility of trail braiding. Work will occur entirely on the existing trail footprint reducing hazards and erosion susceptibility. No NEPA necessary.

11. Types of Lands Involved?

State/Private/Other lands involved? ☐ Yes ☒ No

Land Status:

If Yes, specify:

12. How does the proposed project meet purposes of the Legislation? (Check at least 1)

☒ Improves maintenance of existing infrastructure.

☒ Implements stewardship objectives that enhance forest ecosystems.

☒ Restores and improves land health.

☒ Restores water quality

13. Project Type

a. Check all that apply: (check at least 1)

☐ Road Maintenance

☒ Trail Maintenance

☐ Road Decommission/Obliteration

☐ Trail Obliteration

☐ Other Infrastructure Maintenance (specify):

☐ Soil Productivity Improvement

☒ Forest Health Improvement

☒ Watershed Restoration & Maintenance

☐ Wildlife Habitat Restoration

<input type="checkbox"/> Fish Habitat Restoration	<input type="checkbox"/> Control of Noxious Weeds
<input type="checkbox"/> Reestablish Native Species	<input type="checkbox"/> Fuels Management/Fire Prevention
<input type="checkbox"/> Implement CWPP Project	<input type="checkbox"/> Other Project Type (specify):
b. Primary Purpose (select only 1): Trail Maintenance	

14. Identify What the Project Will Accomplish
Miles of road maintained:
Miles of road decommissioned/obliterated:
Number of structures maintained/improved:
Acres of soil productivity improved:
Miles of stream/river restored/improved:
Miles of fish habitat restored/improved:
Acres of native species reestablished:
Acres of hazardous fuel treatment
Miles of trail maintained: 4.1
Miles of trial obliterated:
Acres of forest health improved (including fuels reduction):
Acres of rangeland improved:
Acres of wildlife habitat restored/improved:
Acres of noxious weeds controlled:
Timber volume generated (mbf):
Jobs generated in full time equivalents (FTE) to nearest tenth. One FTE is 52 forty hour weeks: 2.5
People reached (for environmental education projects/fire prevention):
Direct economic activity benefit:
Other:

15. Estimated Project Start Date: 06/01/2013	16. Estimated Project Completion Date: 09/30/2013
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17. List known partnerships or collaborative opportunities.
Student Conservation Association (SCA)

18. Identify benefits to communities.

This project will address public safety while providing recreation opportunities on the Chugach National Forest. The Cordova Ranger District road based trail system is very popular with Cordova residents and tourists. This trail system encompasses 40 miles of trail, provides access to three public use cabins, one shelter, 3 glaciers, many lakes and incredible alpine hiking. There is a large accumulation of used and discarded net from the commercial seine fishing fleet based out of Cordova. This is a great way to recycle a discarded and unwanted material that would otherwise financially burden local resources through barging it out of Cordova or environmentally impact Cordova by depositing it into a landfill. This project will provide job opportunities for local unemployed workers. The use of seasonal and youth employment programs will offer positive growth experiences for college-age adults and local community youth that ultimately carry over into their daily lives and their attitudes about the Forest Service and public lands. This opportunity will teach job skills to younger community residents, and expose them to a wider spectrum of career possibilities

19. How does the project benefit federal lands/resources?

This project directly helps the Cordova Ranger District maintain a recreation travel route in a safe condition. In addition, an adequately maintained trail without an excessive backlog of deferred maintenance tasks along with managing access to an established route reduces impacts to resources and erosion susceptibility.

20. What is the Proposed Method(s) of Accomplishment? (check at least 1)

<input type="checkbox"/> Contract	<input checked="" type="checkbox"/> Federal Workforce
<input type="checkbox"/> County Workforce	<input type="checkbox"/> Volunteers
<input type="checkbox"/> Grant	<input checked="" type="checkbox"/> Agreement
<input type="checkbox"/> Americorps	<input type="checkbox"/> YCC/CCC Crews
<input type="checkbox"/> Job Corps	<input type="checkbox"/> Stewardship Contract
<input type="checkbox"/> Merchantable Timber Pilot	<input checked="" type="checkbox"/> Other (specify): SCA

21. Will the Project Generate Merchantable Timber? ☐ Yes ☒ No**22. Anticipated Project Costs**

a. Title II Funds Requested: \$63,606.00
b. Is this a multi-year funding request? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

23. Identify Source(s) of Other Funding:**24. Monitoring Plan (provide as attachment)**

- a. Provide a plan that describes your process for tracking and explaining the effects of this project on your environmental and community goals outlined above:

Deferred maintenance task progress and accomplishments will be tracked and monitored through a national trail condition survey and accomplishment reporting system. A pre-project Trail Condition Survey (TRACS) was performed to determine the deferred maintenance needs. Once the project begins, work crews will report weekly on their progress to the Recreation Planner verbally and using a daily diary form. The Recreation Planner will also make several field trips to monitor the progress. A post project TRACS and accomplishment report will be conducted at the completion of the project and recorded in the USDA Forest Service database I-Web. This database and the TRACS system is used to track and monitor annual maintenance, deferred maintenance and other information for all National Forest System Trails. The use of youth organizations is monitored and tracked through both the I-Web and Lotus Notes databases. These databases are used to administer agreements, track funding and report accomplishments. The district Recreation Planner is the data steward and will keep all

information updated. Also, the Recreation Planner will be the contact person for youth organizations such as SCA and will establish agreements, organize the work projects and schedule training/education opportunities.

- b. Identify who will conduct the monitoring: David Zastrow; Cordova Ranger District Recreation Planner.
- c. Identify total funding needed to carry out specified monitoring tasks (Worksheet 1, Item k):

25. Identify remedies for failure to comply with the terms of the agreement.

If project cannot be completed under the terms of this agreement:

- ☒ Unused funds will be returned to the RAC account.
- ☐ Other, please explain:

Project Recommended By:

/s/ (INSERT Signature)
Chairperson

Resource Advisory Committee

Project Approved By:

/s/ (INSERT Signature)
Forest Supervisor

National Forest

Project Cost Analysis Worksheet

Worksheet 1

Please submit this worksheet with your proposal

Item	Column A Fed. Agency Appropriated Contribution	Column B Requested Title II Contribution	Column C Other Contributions	Column D Total Available Funds
a. Field Work & Site Surveys	2000	0	0	2000
b. NEPA/CEQA	0	0	0	0
c. ESA Consultation	0	0	0	0
d. Permit Acquisition	0	0	0	0
e. Project Design & Engineering	0	0	0	0
f. Contract/Grant Preparation	1000	0	0	1000
g. Contract/Grant Administration	500	0	0	500
h. Contract/Grant Cost	0	0	0	0
i. Salaries	2000	39717	0	41717
j. Materials & Supplies	0	23889	0	23889
k. Monitoring	500	0	0	500
l. Other: SCA Intern 1. 2, Partner Indirect Cost	0	0	6015	6015
m. Project Sub-Total	6000	63606	6015	75621
n. FS Indirect Costs	0	0	0	0
Total Cost Estimate	6000	63606	6015	75621

NOTES:

- a. Pre-NEPA Costs
- g. Includes Contracting/Grant Officer Representative (COR) costs. Excludes Contracting/Grant Officer costs.
- i. Cost of implementing project
- l. Examples include overhead charges from other partners, vehicles, equipment rentals, travel, etc.
- n. Forest Service indirect costs, including contracting/grant officer costs if needed.

TRAILS REQUIRING SAFETY NETTING

TRAIL	SUM OF TOTAL MILES	SUM OF TOTAL FEET
CRATER LAKE TRAIL	0.7329	3869.712
POWER CREEK TRAIL	0.0252	133.056
EYAK RIVER TRAIL	0.513	7988.64
SHERIDAN MOUNTAIN TRAIL	0.5334	2816.352
HAYSTACK TRAIL	0.308	1626.24
PIPELINE LAKES TRAIL	0.6805	3593.04
MCKINLEY LAKE TRAIL	0.03	158.4
HENEY RIDGE TRAIL	0.718	3791.04
ALAGANIK SLOUGH TRAIL	0.4252	2245.056
LOG JAM BAY CABIN TRAIL	0.2002	1057.056
TOTAL	4.1664	27275.592

Structures requiring safety netting include the following:

- Step And Run Boardwalk
- No-Deck Puncheon
- Individual Step Stairway
- Staircase Stairway
- Minor Bridge

No-Deck Puncheon-Needing Netting



No-Deck Puncheon-Needing Netting



Wrangell Staircases and Split Log Bridge-Needing Netting



Step and Run-Desired Condition

